

10/31/01  
j1132 U.S. PTO

12-06-01

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	MTG009
	First Inventor	Tadaharu Watanabe, et al.
	Title	MATERIALS AND METHODS FOR THE PURIFICATION OF HYDRIDE GASES
	Express Mail Label No.	EL791520271US

11046 U.S. PTO  
10/31/0111046 U.S. PTO  
10/31/01**APPLICATION ELEMENTS**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |   |  |
|---|--|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form<br/>(submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [total pages: 23]<br/>(preferred Arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R&amp;D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input type="checkbox"/> Drawing(s) [total sheets: ]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [total sheets: 3]</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from prior appl. (37 C.F.R. § 1.63(d))           <ul style="list-style-type: none"> <li>i. <input checked="" type="checkbox"/> DELETION OF INVENTOR(S)<br/>Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> | <p>6. <input type="checkbox"/> Application Data Sheet. (See 37 CFR 1.76)</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> </ul> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
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**ACCOMPANYING APPLICATION PARTS**

- |   |   |
|---|---|
| <p>9. <input type="checkbox"/> Assignment Papers (coversheet/document(s))</p> <p>10. <input type="checkbox"/> 37 CFR. 3.73(b) Statement<br/><i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document</p> <p>12. <input type="checkbox"/> IDS &amp; Form 1449</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>16. <input type="checkbox"/> Request &amp; Certification under 35 USC 122(b)(2)(B)(i)</p> <p>17. <input checked="" type="checkbox"/> Other: Certificate of Express Mail</p> | <p><input type="checkbox"/> Power of Attorney</p> <p><input type="checkbox"/> Copies of IDS Citations</p> |
|---|---|

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)      of prior application No.: \_\_\_\_\_ Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**FOR CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

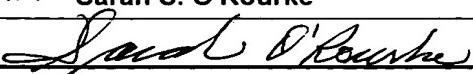
Customer Number or Bar Code Label      or  Correspondence address below

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(Signature)	<i>Sarah S. O'Rourke</i>			Date	10-31-01

# FEE TRANSMITTAL for FY 2002

		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	Tadaharu Watanabe, et al.
		Examiner Name	
TOTAL AMOUNT OF PAYMENT (\$)		(\$) <b>1988.00</b>	Group / Art Unit
			Attorney Docket No.
			<b>MTG009</b>

<b>METHOD OF PAYMENT</b> (check one)				<b>FEE CALCULATION (continued)</b>																																																																																																																											
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  <b>50-1123</b></p> <p>Deposit Account Number</p> <p>Deposit Account Name <b>Hogan &amp; Hartson L.L.P.</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR § 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. <b>ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>50</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>920*</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1,840*</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>390</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>890</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1,390</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1,890</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>310</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>310</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>270</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1,510</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>110</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>1,240</td><td>620</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>1,240</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>440</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>600</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>50</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>710</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>710</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>710</td><td>355</td><td>Request for Continued Examination</td><td></td></tr> <tr><td>900</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td></tr> </tbody> </table>				Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge – late filing fee or oath		50	25	Surcharge – late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	For filing a request for ex parte reexamination		920*	920*	Requesting publication of SIR prior to Examiner action		1,840*	1,840*	Requesting publication of SIR after Examiner action		110	55	Extension for reply within first month		390	195	Extension for reply within second month		890	445	Extension for reply within third month		1,390	695	Extension for reply within fourth month		1,890	945	Extension for reply within fifth month		310	155	Notice of Appeal		310	155	Filing a brief in support of an appeal		270	135	Request for oral hearing		1,510	1,510	Petition to institute a public use proceeding		110	55	Petition to revive – unavoidable		1,240	620	Petition to revive – unintentional		1,240	620	Utility issue fee (or reissue)		440	220	Design issue fee		600	300	Plant issue fee		130	130	Petitions to the Commissioner		50	50	Processing fee under 37 CFR 1.17(q)		180	180	Submission of Information Disclosure Stmt		40	40	Recording each patent assignment per property (times number of properties)		710	355	Filing a submission after final rejection (37 CFR § 1.129(a))		710	355	For each additional invention to be examined (37 CFR § 1.129(b))		710	355	Request for Continued Examination		900	900	Request for expedited examination of a design application		Other fee (specify)			
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<p>Large Entity Fee Code (\$)</p> <p>103 18 203 9 Claims in excess of 20</p> <p>102 84 202 42 Independent claims in excess of 3</p> <p>104 270 204 135 Multiple dependent claim, if not paid</p> <p>109 80 209 40 **Reissue independent claims over original patent</p> <p>110 18 210 9 **Reissue claims in excess of 20 and over original patent</p> <p><b>SUBTOTAL (2)</b></p>				<p>Small Entity Fee Code (\$)</p> <p>Fee Description</p> <p>*Reduced by Basic Filing Fee Paid</p> <p><b>SUBTOTAL (3)</b></p>																																																																																																																											
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Sarah S. O'Rourke		
Signature			
Registration No. (Attorney/Agent)	41,226	Telephone	(720) 406-5385
Date	10 - 31 - 01		

EXPRESS MAIL NO. EL791520271US  
Attorney Docket No. MTG009  
Client/Matter No. 82870.0009.000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Tadaharu Watanabe and Dan Fraenkel

Serial No.: Not Yet Accorded

Filed: Not Yet Accorded

For: MATERIALS AND METHODS FOR  
THE PURIFICATION OF HYDRIDE GASES

Group Art Unit: Not Yet  
Accorded

Examiner: Not Yet  
Accorded

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

1. Patent Application (23 pages);
2. Utility Patent Application Transmittal;
3. Fee Transmittal (in duplicate);
4. Declarations (unexecuted);
5. Check in the amount of \$1970.00; and
6. Return postcard

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL791520271US, with the United States Postal Service, addressed to Box PATENT APPLICATION, The Assistant Commissioner for Patents, Washington, D.C., 20231.

October 31, 2001  
Date

Sarah O'Rourke  
Mailer

October 31, 2001  
Date

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